

09/689,574

I. In the Specification

Please amend the title to:

--Method and Apparatus for Subsurface Reservoir Monitoring With Antennas Mounted on Permanently Disposed Tubulars--.

II. In the Claims

Please cancel claims 1-10, 30-47 and 67-74 without prejudice.

Please add new claims 75-76:

75. (New) The apparatus of claim 21, wherein the at least one antenna is disposed on the tubular such that its axis is tilted with respect to the axis of said tubular.
76. (New) The method of claim 58 wherein the at least one antenna is disposed on the tubular such that its axis is tilted with respect to the axis of said tubular.

Please amend claims 11 and 48 to read as follows:

11. (Amended) An apparatus for monitoring a characteristic of a reservoir, comprising:
a tubular having an elongated body with a longitudinal axis, the tubular being adapted for permanent disposal within a borehole traversing the reservoir;
at least one antenna disposed on the exterior of the tubular, each at least one antenna being adapted to transmit and/or receive electromagnetic energy; and
means to activate the at least one antenna to electronically steer the sensing direction of the transmitted and/or received electromagnetic energy

48. (Amended) A method for monitoring a characteristic of a reservoir, the reservoir being traversed by a borehole, comprising:
disposing a tubular within the borehole, the tubular having an elongated body with a longitudinal axis and adapted for permanent disposal within the borehole;